

WHAT IS CLAIMED IS:

1. In combination for use in a pogo stick,
a collapsible bellows,
a spring disposed in the bellows and coupled to the bellows for constraint
in accordance with the collapse of the bellows,
a handle disposed at the top of the bellows for grasping by the hands of
pogo stick user,
an actuator disposed at its upper end within the spring in the bellows and
extending at its lower end below the bellows and below the spring, and
a platform coupled to the spring at the bottom of the spring for movement
with the spring between the constrained and the unconstrained relationships.

2. In a combination as set forth in claim 1,
training members attached to the platform and extending from the platform
to a support surface to provide stability to the pogo stick on the support surface when the
user operates the pogo stick.

3. In a combination as set forth in claim 2 wherein
the training members constitute a pair each attached to the platform on
opposite side from the attachment of the other to the platform.
4. In a combination as set forth in claim 3 wherein
each of the training members is attached to the platform at an intermediate
position on the training member and wherein
the opposite ends of each training member extend to the surface at spaced
positions on the support surface.
5. In a combination as set forth in claim 4 wherein
the spaced disposition of the opposite ends of each of the training members
on the support surface is in substantially the direction in which the user is facing and
wherein
each of the training members is made from a resilient material.
6. In combination for use in a pogo stick,
a platform for receiving the feet of a user in a standing relationship,
an actuator extending above and below the platform,

a bellows normally unconstrained and manually movable by the user into a constrained relationship,

a handle extending from the top of the bellows, and

a spring enclosed within the bellows and operatively coupled to the bellows at a position above the platform to become constrained in accordance with the constraint of the bellows.

7. In a combination as set forth in claim 6 wherein

the actuator, the enclosed bellows and the spring are disposed in an aligned relationship.

8. In a combination as set forth in claim 6 wherein

the bellows is formed from a plurality of scalloped portions each displaced in a vertical direction from the others and wherein

the spring is helical and wherein

the scalloped portions of the bellows and the spring are coaxial and wherein

the bellows and the spring are coupled to each other to provide a constraint of the spring when the bellows is constrained.

9. In a combination as set forth in claim 6, including

training members are attached to the platform for providing stability to the pogo stick when the pogo stick is actuated from one position on a support surface to another position on the support surface.

10. In a combination as set forth in claim 7 wherein

the bellows is formed from a plurality of scalloped portions each displaced in a vertical direction from the others and wherein

the spring is helical and wherein

the scalloped portions and the spring are coaxial and wherein

the bellows and the spring are coupled to each other to provide a constraint of the spring when the bellows is constrained and wherein

training members are attached to the platform for providing stability to the pogo stick when the pogo stick is actuated from one position on a support surface to another position on the support surface.

11. A pogo stick, including

a platform for supporting the feet of a user with the user in a standing position on the platform,

an actuator extending through the platform from a position below the platform to a position above the platform,

constrainable means operatively coupled to the actuator for providing for a movement of the platform and the actuator when the constrainable means are constrained and the constraint is released,

handle bars attached to the constrainable means at the upper end of the constrainable means, and

training members extending from the platform for enhancing the stability of the pogo stick on a support surface when the pogo stick is actuated.

12. A pogo stick as set forth in claim 11 wherein

the training members are removable from the platform when the user has become skilled in operating the pogo stick.

13. A pogo stick as set forth in claim 11 wherein

the training members are made from a resilient material and are attached to the platform at an intermediate position along the length of the training members to become flattened on the support surface when the pogo stick is actuated.

14. A pogo stick as set forth in claim 11 wherein

the training members have opposite ends disposed on a support surface to enhance the stability of the pogo stick on the support surface and wherein the training members are disposed in a direction substantially perpendicular to a line between the feet of the user on the platform and wherein the training members constitute a pair separated from each other in a direction corresponding to the distance between the feet of the user on the platform.

15. A pogo stick as set forth in claim 14 wherein the opposite ends of each training member become separated from each other by an increased distance when the pogo stick moves from a position above the support surface to the support surface.

16. In combination,

a pogo stick actuatable by a user to produce hopping movements of the user and the pogo stick along a support surface,

the pogo stick including a platform for supporting the user in a standing position on the platform, and

training members coupled to the platform to enhance the stability of the pogo stick on the support surface when the pogo stick is actuated.

17. In a combination as set forth in claim 16 wherein
the training members are made from a resilient material.

18. In a combination as set forth in claim 17 wherein
the training members have opposite ends disposed on the support surface
and wherein
the training members are attached at an intermediate position to the
platform.

19. In a combination as set forth in claim 16 wherein
a pair of training members are provided each coupled to the platform at an
opposite side of the platform from the other and wherein
the training members are removable from the platform.

20. In a combination as set forth in claim 17 wherein
the training members have opposite ends disposed on the support surface
and wherein
the training members are attached at an intermediate position to the
platform and wherein

a pair of training members are provided each coupled to the platform at an opposite side of the platform from the other and wherein

the training members are removable from the platform.

21. In combination,

a pogo stick actuatable by a user to produce hopping movements of the user and the pogo stick along a support surface,

the pogo stick including a constrainable bellows and a constrainable spring coupled to the bellows to become constrained in accordance with the constraint of the bellows,

the pogo stick also including a platform for supporting the feet of a user, and

training members attached to the platform to provide stability to the pogo stick when, upon actuation of the pogo stick from a support surface, the pogo stick returns to the support surface.

22. In a combination as set forth in claim 21,

the training members constituting a pair, both extending in the direction in which the user is facing with the user's feet on the platform and one disposed on one side of the platform and the other disposed on the other side of the platform.

23. In a combination as set forth in claim 21 wherein

the training members are resilient and have a looped configuration and are attached to the platform at intermediate positions in the looped configuration and are disposed on a support surface at their opposite ends.

24. In a combination as set forth in claim 21 wherein

each of the members is disposed at its opposite ends to flex outwardly when the pogo stick is actuated to provide a hopping movement.

25. In a combination as set forth in claim 22 wherein

the training members are resilient and have a looped configuration and are attached to the platform at intermediate positions in the looped configuration and are disposed on a support surface at their opposite ends and wherein

each of the members is disposed at its opposite ends to flex outwardly when the pogo stick is actuated to provide a hopping movement.

26. In a combination as set forth in claim 25 wherein

each of the members extends outwardly at its opposite ends in the distance between the platform and the support surface and wherein the outward direction of each member at its opposite ends is enhanced by a flattening of the support member when the pogo stick is actuated to provide a hopping movement of the pogo stick.

27. In combination,

a pogo stick actuatable by a user to produce hopping movements of the user and the pogo stick along a support surface,

the pogo stick also including a handle for manual gripping by the user,

the pogo stick also including a platform for receiving the feet of the user,

the pogo stick also including a spring disposed between the handle and the platform for constraint in a direction corresponding to the direction between the handle and the platform, and

training members attached to the platform to provide stability to the pogo stick when, upon actuation of the pogo stick from a support surface, the pogo stick returns to the support surface.

28. In a combination as set forth in claim 27,

the training members constituting resilient rods attached to the bottom of the platform at an intermediate position along the length of the rods and extending to the support surface at their opposite ends.

29. In a combination as set forth in claim 28 wherein

the training members are resiliently attached to the platform and are disposed in the direction in which the user is facing when the user is disposed on the platform.

30. In a combination as set forth in claim 27 wherein

the training members are constructed and disposed relative to the platform to become constrained when the pogo stick, upon actuation, returns to the support surface.

31. In a combination as set forth in claim 29 wherein

the training members are constructed and disposed relative to the platform to become constrained when the pogo stick , upon actuation, returns to the support surface.